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# Borough of Worthing



## ANNUAL REPORT

on the

## HEALTH OF WORTHING

and

### Meteorological Observations for the Year 1955

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G. H. PRINGLE,  
M.R.C.S., L.R.C.P., D.P.H.  
*Medical Officer of Health*



# Borough of Worthing



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HEALTH DEPARTMENT,  
WORTHING LODGE,  
STOKE ABBOTT ROAD,  
WORTHING.  
*July, 1956.*

*To the Mayor, Aldermen and Councillors of the Borough of Worthing.*

MR. MAYOR, LADIES AND GENTLEMEN,

I present herewith my ninth Annual Report on the Health of Worthing, together with the Meteorological Observations for the year.

*Statistics :*

As far as can be judged from a study of the vital statistics the general health of the town was satisfactory during the year. The Infantile Mortality Rate of 19.8 per 1,000 is low, and compares favourably with a rate of 24.9 for England and Wales as a whole.

*Infectious Diseases :*

Of the common notifiable diseases 1955 was a measles year. This disease has a biennial incidence and 555 cases were notified.

Although only six cases of food poisoning were notified it must not be thought that there are any grounds for complacency. It must also be noted that there were 10 cases of dysentery and 4 cases of paratyphoid fever—both also diseases of the “gastro-intestinal type” which may be associated with food. The Department has continued its clean food campaign and during 1956 is being assisted in this respect by the Food Hygiene Regulations which came into operation on the 1st January, 1956.

A small outbreak of paratyphoid fever which occurred in the area is described on page 24 of the report.

At the end of the report there is a short summary of the work carried out in the Borough under the National Health Service Act, 1946, Part 3 Services.

I should like to express my appreciation of the helpful support and the interest taken in all the Health Services of the Borough by the Chairman and Members of the Health Committee and by other Members of the Council.

I also wish to record my sincere thanks to Dr. Aitken, my Deputy, to Mr. White and the District Inspectors and to every member of the staff for all their assistance and co-operation.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

G. H. PRINGLE,  
*Medical Officer of Health.*

## HEALTH COMMITTEE :

(as at 31st December, 1955)

---

*Chairman :* ALDERMAN F. J. NASH, F.S.A.A.

*Vice-Chairman :* COUNCILLOR MRS. M. F. CALE

ALDERMAN T. A. CLIFFORD	COUNCILLOR R. S. JARVIS
ALDERMAN R. A. MITCHELL	COUNCILLOR F. KENTON
COUNCILLOR A. J. BARRETT	COUNCILLOR E. E. KEYS
COUNCILLOR C. W. W. COOPER	COUNCILLOR MRS. H. M. PERYER
	COUNCILLOR MRS. D. E. RUDD

## HEALTH DEPARTMENT STAFF :

(as at 31.12.55)

### Medical Officer of Health

G. H. PRINGLE, M.R.C.S., L.R.C.P., D.P.H.

### Deputy Medical Officer of Health

J. C. AITKEN, M.B., CH.B., D.P.H.

Chief Sanitary Inspector :	...	...	...	S. S. WHITE, M.S.I.A., A.P.H.E.
Deputy Chief Sanitary Inspector :	...	...	...	H. F. JOWETT, M.S.I.A.
District Sanitary Inspectors :	...	...	...	M. BLAKE
				P. E. CHATTELLE, M.S.I.A.
				G. T. PARSONS, M.S.I.A.
Clerical Staff :				
Chief Clerk :	...	...	...	T. L. CANTON
Clerks :	...	...	...	MISS P. MOAKES
				MRS. H. M. J. BUTLER
				MRS. P. M. LOWE
				MISS F. TAYLOR
Meteorological Observers :	...	...	...	T. L. CANTON
				M. BLAKE
Other Staff :				
Rodent Operators :	...	...	...	F. J. MARIGOLD
				J. H. OGLESBY
Disinfector and General Assistant :	...	...	...	C. A. COZENS

## GENERAL STATISTICS, 1955

Area of Municipal Borough, including foreshore	8512.742 acres
Population (Census 1921) .. .. .	31,520
Population (Census 1931) .. .. .	46,230
Population (Census 1951) .. .. .	69,431
Registrar-General's Estimate of Resident Population (1955) ..	69,840
Number of inhabited houses (1921) .. .. .	7,710
Number of inhabited houses (1955) .. .. .	25,288
Rateable Value (1955) .. .. .	£1,089,763
Sum represented by a penny rate, 1955 .. .. .	£4,445

BIRTH RATE. 9.6 per 1,000 population. Birth-rate after correction by the factor received from the Registrar-General, 12.8 per 1,000. (Number of births, 671).  
England and Wales, 15.0 per 1,000.

DEATH RATES (all causes). 18.2 per 1,000 population. Death rate after correction by the factor received from the Registrar-General, 9.3 per 1,000. (Number of deaths, 1,269).

England and Wales, 11.7 per 1,000.

Infant rate, 19.8 per 1,000 live births. (Number of deaths, 13).

England and Wales, 24.9 per 1,000 live births.

Maternal rate, nil.

England and Wales, 0.64 per 1,000 births.

Tuberculosis rate, 0.13 per 1,000 population. (Number of deaths, 9).

England and Wales, 0.15 per 1,000 population.

MEAN ANNUAL TEMPERATURE (1955) .. .. 50.6 degrees Fahr.

HOURS OF BRIGHT SUNSHINE (1955), 1,936.4 hours ; daily average, 5.31 hours ; Summer, 7.41 hours ; Winter, 3.19 hours.

TOTAL RAINFALL (1955) .. .. . 24.75 inches



## VITAL STATISTICS

The Registrar-General's estimate of the mid-year population of Worthing was 69,840, as compared with 68,510 in 1954, and this estimate has been adopted for the purposes of the statistics contained in this Report.

### BIRTHS

The number of registered births (live and still) was 671, namely:—

		<i>Total</i>	<i>Male</i>	<i>Female</i>
Live Births—Legitimate	..	627	333	294
Illegitimate	..	30	17	13
Still Births—Legitimate	..	14	4	10
Illegitimate	..	—	—	—

The Registrar-General provides a factor for the purpose of rendering the birth-rate of the Borough comparable with that of a district the population of which is of standard age and sex distribution. Accordingly the birth-rate is now multiplied by this factor which represents the birth-rate for comparison with other districts. The birth-rate of Worthing for 1955 adjusted in this manner is raised from 9.6 to 12.8 per 1,000 of the population. The birth-rate for England and Wales is 15.0 per 1,000.

Birth-rate per 1,000 population:—

Live Births	..	..	..	..	..	9.4
Still Births	..	..	..	..	..	0.20

Birth-rate per 1,000 population after applying  
“Area Comparability Factor”:—

Live Births	..	..	..	..	..	12.6
Still Births	..	..	..	..	..	0.27

Birth-rate (Live and Still) per 1,000 population 9.6

Birth-rate (Live and Still) per 1,000 population  
after applying “Area Comparability Factor” 12.8

Still Birth-rate per 1,000 (Live & Still) births 20.9

Illegitimate births numbered 30, or 4.47 per cent. of the total births.



## **STILL - BIRTHS**

The registration of still-births is made compulsory by the Births and Deaths Registration Act, 1953.

During 1955 there were 14 still-births registered to Worthing residents representing a still-birth rate of 20.9 per 1,000 births (live and still) registered. Of the 14 still-births none was registered as illegitimate.

## **DEATHS**

The number of deaths registered in the Borough during 1955 was 1,267. Of these 195 were deaths of non-residents and were transferred to the districts in which the persons ordinarily resided. There were, on the other hand, 197 deaths of Worthing residents registered outside the Borough. The total (corrected) number of deaths assigned to the Borough was 1,269 (males 551, females 718). This gives a recorded death-rate of 18.2 compared with 11.7 for England and Wales. This recorded death-rate, however, which is a crude rate, cannot be used to compare the mortality with that of other districts as the populations of all areas are not similarly constituted as regards the proportions of their sex and age group components.

The Registrar-General supplies an "Area Comparability Factor" and the crude death-rate multiplied by this figure can then be compared with the death-rate of the country as a whole or with the mortality of any other local area. The corrected death-rate so obtained is 9.3 per 1,000 population.

## **INFANT MORTALITY**

During 1955 the deaths of 13 infants under one year of age were registered. The total number of live births registered during the year was 657, giving the low infantile mortality rate of 19.8 per 1,000 live births.

The infantile mortality rate for England and Wales in 1955 was 24.9.

There were 12 deaths of infants during the first four weeks of life (or 92.3 per cent. of the total infant deaths) as compared with 18 deaths (or 94.7 per cent.) in 1954.

The causes of the 13 infant deaths are shown in detail on page 16.

## **MATERNAL MORTALITY**

There were no maternal deaths during the year.

## CANCER MORTALITY

The number of deaths of Worthing residents from cancer was 228 (males 100, females 128) as compared with 235 in 1954, 224 in 1953, 203 in 1952, 248 in 1951 and 237 in 1950. The death rate from the disease per 1,000 of the population was 3.27. The deaths from cancer constitute 18.0 per cent. of the total Worthing deaths during the year.

The following gives the comparative average death-rates from cancer in Worthing for quinquennial periods since 1910:—

1910-1914	..	..	1.32	1940-1944	..	..	3.11
1915-1919	..	..	2.01	1945-1949	..	..	3.06
1920-1924	..	..	1.94	1950-1954	..	..	3.43
1925-1929	..	..	2.29	1955	..	..	3.27
1930-1934	..	..	2.33				
1935-1939	..	..	2.53				

The following table shows the localisation of the disease in the case of the 228 deaths recorded.

Localisation					No. of deaths		
					Male	Female	Total
Stomach	..	..	..	..	4	13	17
Lungs	..	..	..	..	31	13	44
Breast	..	..	..	.	—	26	26
Uterus	..	..	..	..	—	8	8
Other and unspecified organs	..				65	68	133
Total ..					100	128	228

The mortality from cancer during the last 20 years is shown as follows:

Year	Deaths		Total	Death rate per 1,000 of the population
	Males	Females		
1936 ..	54	99	153	2.75
1937 ..	51	87	138	2.35
1938 ..	64	87	151	2.56
1939 ..	57	106	163	2.66
1940 ..	82	104	186	2.73
1941 ..	69	92	161	2.88
1942 ..	76	113	189	3.47
1943 ..	79	90	169	3.22
1944 ..	68	109	177	3.27
1945 ..	80	124	204	3.48
1946 ..	76	120	196	3.02
1947 ..	84	116	200	3.00
1948 ..	80	103	183	2.71
1949 ..	95	118	213	3.10
1950 ..	87	150	237	3.47
1951 ..	104	144	248	3.64
1952 ..	87	116	203	3.01
1953 ..	92	132	224	3.16
1954 ..	97	138	235	3.43
1955 ..	100	128	228	3.27

This death rate is considerably higher than that for the country as a whole, and this is accounted for by the high proportion of aged persons resident in the Borough. The rate for England and Wales in 1955 was 2.05 per 1,000 population.

### INFLUENZA AND PNEUMONIA MORTALITY

There were 48 deaths from these diseases as against 46 in 1954, 74 in 1953, 46 in 1952, 69 in 1951 and 57 in 1950. The mortality rate per 1,000 of the population was 0.69, as compared with 0.67 in 1954, 1.09 in 1953, 0.68 in 1952, 1.02 in 1951 and 0.83 in 1950. The rate for England and Wales in 1955 was 0.57 per 1,000 population.

### TUBERCULOSIS MORTALITY

Deaths from tuberculosis numbered 9, of which 8 were due to pulmonary tuberculosis.

The death-rate from tuberculosis was 0.13 per 1,000 population, compared with 0.19 in 1954, 0.04 in 1953, 0.31 in 1952, 0.26 in 1951 and 0.37 in 1950.

The rate for England and Wales in 1955 was 0.15 per 1,000 population.

### DEATHS FROM HEART DISEASE

Of the 1,269 deaths, heart disease caused roughly 1 in every 3 (males 189, females 251). It represented 34.7 per cent. of the total deaths from all causes and was equivalent to a death rate of 6.30 per 1,000 of the population.



40 YEARS VITAL STATISTICS — TABLE 1

Year.	Deaths.													Registrar General's Popu-lation
	Births.		All causes.		Infants under 1 year.		Maternal Mortality			Tuberculosis		Cancer.		
	No.	R.*	No.	R.*	No.	R.**	Sepsis.	Other Causes	Rate†	No.	R.*	No.	R.*	
1916	468	15.5	418	15.5	31	66	—	—	—	46	1.66	58	2.09	27,766
17	359	11.9	415	15.0	23	64	—	—	—	41	1.48	63	2.28	27,662
18	419	12.9	511	17.7	32	76	—	—	—	38	1.32	73	2.53	28,780
19	376	12.1	478	15.7	21	56	1	—	2.39	35	1.15	49	1.61	30,345
20	583	18.5	434	13.7	23	39	—	—	—	29	0.92	50	1.58	31,555
21	487	15.5	441	14.0	29	59	1	2	5.43	32	1.02	63	1.99	31,520
22	404	12.8	472	15.0	21	52	1	—	1.95	35	1.11	59	1.87	31,460
23	401	12.8	428	13.6	18	45	1	1	3.89	26	0.83	55	1.75	31,440
24	426	13.3	537	16.6	21	49	—	1	2.35	32	0.99	81	2.51	32,260
25	442	13.4	452	13.7	21	48	—	1	2.26	28	0.85	60	1.82	32,950
26	423	12.1	536	15.3	17	40	—	1	2.36	30	0.85	90	2.56	35,060
27	432	11.9	571	15.7	20	46	1	2	6.94	28	0.76	84	2.31	36,350
28	462	12.2	548	14.4	17	37	1	1	4.33	26	0.68	87	2.29	38,030
29	494	11.9	684	16.5	12	24	—	1	2.02	34	0.82	103	2.49	41,410
30	534	12.6	640	15.1	18	36	—	2	3.75	37	0.87	104	2.46	42,340
31	553	12.5	690	15.5	20	37	2	2	7.23	46	1.04	101	2.28	44,320
32	513	11.0	781	16.8	20	39	4	3	13.64	39	0.84	101	2.17	46,470
33	514	10.6	715	14.7	18	38	2	—	3.89	33	0.68	104	2.14	48,530
34	615	11.9	756	14.6	12	20	—	1	1.63	34	0.66	133	2.58	51,580
35	621	11.5	744	14.0	25	40	1	—	1.61	36	0.67	125	2.32	53,930
36	687	12.4	870	15.6	23	35	—	3	4.36	25	0.45	153	2.75	55,540
37	729	12.4	916	15.6	33	45	—	—	—	42	0.72	138	2.35	58,600
38	712	10.8	917	15.5	20	29	—	1	1.40	31	0.52	151	2.56	59,080
39	763	12.4	1035	16.9	18	23	1	1	2.60	26	0.34	163	2.66	61,210
40	657	9.6	1165	17.6	32	49	—	2	3.00	48	0.70	186	2.73	66,350
41	590	10.1	1044	18.7	22	36	—	1	1.80	39	0.70	161	2.88	55,710
42	724	13.3	1116	20.5	25	35	—	1	2.80	23	0.42	189	3.47	54,500
43	775	14.3	1073	20.4	24	32	—	3	3.90	33	0.63	169	3.22	52,500
44	924	17.1	1037	19.2	40	44	—	2	2.10	23	0.42	177	3.27	54,080
45	811	13.8	1173	20.0	31	39	—	1	1.20	32	0.54	204	3.48	58,620
46	1059	16.3	1223	18.8	50	48	—	—	—	22	0.34	196	3.02	64,860
47	1003	15.0	1251	18.7	31	32	—	—	—	26	0.38	200	3.00	66,750
48	861	12.8	1103	16.3	20	24	—	—	—	23	0.34	183	2.71	67,520
49	818	12.0	1209	17.8	16	20	—	1	1.20	18	0.26	213	3.10	67,940
50	714	10.4	1336	19.5	22	31	—	1	1.40	25	0.37	237	3.47	68,350
51	699	10.3	1375	20.2	17	25	—	—	—	18	0.26	248	3.64	68,060
52	658	9.7	1235	18.3	11	17	—	2	2.04	21	0.31	203	3.01	67,530
53	613	9.0	1308	19.3	16	27	—	1	1.63	3	0.04	224	3.16	67,770
54	659	9.6	1299	19.0	19	30	—	—	—	13	0.19	235	3.43	68,510
55	671	9.6	1269	18.2	13	20	—	—	—	9	0.13	228	3.27	69,840

\* Per 1,000 Population. (unadjusted)

\*\* Per 1,000 Live Births.

† Per 1,000 Total (Live & Still) Births.

**TABLE II**

**BIRTHS**

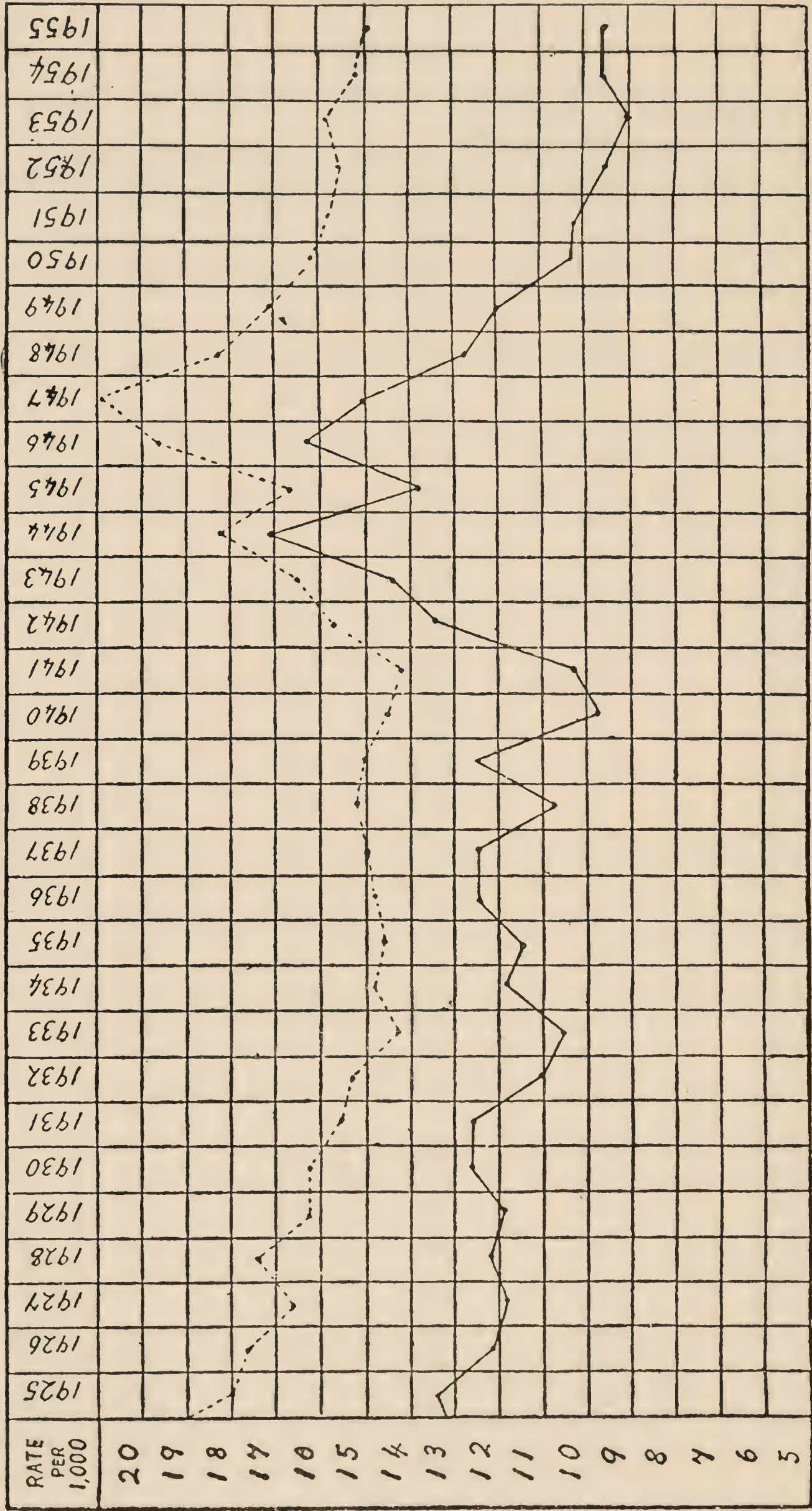
The following table shows the number of births, and birth rate of Worthing, for the last 40 years.

		Total Births	Males	Females	Birth Rate	Adjusted Birth Rate
1916	..	468	225	243	15.5	—
1917	..	359	193	166	11.9	—
1918	..	419	219	200	12.9	—
1919	..	376	179	197	12.1	—
1920	..	583	281	302	18.5	—
1921	..	487	265	222	15.5	—
1922	..	404	221	183	12.8	—
1923	..	401	214	187	12.8	—
1924	..	426	249	177	13.3	—
1925	..	442	223	219	13.4	—
1926	..	423	218	205	12.1	—
1927	..	432	223	209	11.9	—
1928	..	462	223	239	12.2	—
1929	..	494	242	252	11.9	—
1930	..	534	278	256	12.6	—
1931	..	553	299	254	12.5	—
1932	..	513	256	257	11.0	—
1933	..	514	255	259	10.6	—
1934	..	615	292	323	11.9	—
1935	..	621	296	325	11.5	—
1936	..	687	340	347	12.4	—
1937	..	729	378	351	12.4	—
1938	..	712	347	365	10.8	—
1939	..	763	400	363	12.4	—
1940	..	657	362	295	9.6	—
1941	..	590	305	285	10.1	—
1942	..	724	346	378	13.3	—
1943	..	775	417	358	14.3	—
1944	..	924	491	433	17.1	—
1945	..	811	427	384	13.8	—
1946	..	1059	536	523	16.3	—
1947	..	1003	527	476	15.0	—
1948	..	861	453	408	12.8	—
1949	..	818	444	374	12.0	—
1950	..	714	350	364	10.4	12.4
1951	..	699	383	316	10.3	12.2
1952	..	658	328	330	9.7	11.5
1953	..	613	321	292	9.0	10.7
1954	..	659	324	335	9.6	12.8
1955	..	671	354	317	9.6	12.8

The birth rate for England and Wales for 1955 was 15.0 per 1,000.



CHART SHOWING WORTHING UNADJUSTED BIRTH RATE SINCE 1925



(Dotted line represents Rate for England and Wales)



## DEATHS

The total number of deaths assigned to Worthing after allowing for inward and outward transfers was 1,269, 551 males and 718 females, giving a crude death rate of 18.2 per 1,000 population.

The corrected death rate after adjustment is 9.3.

			Crude Death Rate	Adjusted Death Rate
1939	..	..	16.9	11.0
1940	..	..	17.6	11.1
1941	..	..	18.7	(no comparability factor issued).
1942	..	..	20.5	„
1943	..	..	20.4	„
1944	..	..	19.2	„
1945	..	..	20.0	„
1946	..	..	18.8	„
1947	..	..	18.7	„
1948	..	..	16.3	„
1949	..	..	17.8	10.0
1950	..	..	19.5	10.9
1951	..	..	20.2	11.1
1952	..	..	18.3	10.1
1953	..	..	19.3	10.6
1954	..	..	19.0	9.7
1955	..	..	18.2	9.3

The death rate for England and Wales was 11.7.

**TABLE III.**  
**CAUSES OF DEATH — 1955**

All Causes	Males 551	Females 718
Tuberculosis, Respiratory .. .. .	2	6
Tuberculosis, other .. .. .	1	—
Syphilitic Disease .. .. .	1	3
Diphtheria .. .. .	—	—
Whooping Cough .. .. .	—	—
Meningococcal infections .. .. .	—	—
Acute Poliomyelitis .. .. .	—	1
Measles .. .. .	1	—
Other infective and parasitic diseases .. .. .	1	—
Malignant neoplasm, stomach .. .. .	4	13
Malignant neoplasm, Lung, Bronchus .. .. .	31	13
Malignant neoplasm, Breast .. .. .	—	26
Malignant neoplasm, Uterus .. .. .	—	8
Other malignant and lymphatic neoplasms .. .. .	65	68
Leukaemia aleukaemia .. .. .	1	1
Diabetes .. .. .	2	6
Vascular lesions of Nervous System .. .. .	84	141
Coronary disease, Angina .. .. .	99	84
Hypertension with heart disease .. .. .	5	17
Other heart disease .. .. .	85	150
Other circulatory disease .. .. .	22	32
Influenza .. .. .	4	3
Pneumonia .. .. .	20	21
Bronchitis .. .. .	23	14
Other diseases of respiratory system .. .. .	4	4
Ulcer of stomach and duodenum .. .. .	7	4
Gastritis, enteritis and diarrhoea .. .. .	3	4
Nephritis and nephrosis .. .. .	7	4
Hyperplasia of prostate .. .. .	17	—
Pregnancy, childbirth, abortion.. .. .	—	—
Congenital malformations .. .. .	1	3
Other defined and ill-defined diseases .. .. .	39	64
Motor vehicle accidents .. .. .	2	1
All other accidents .. .. .	7	20
Suicide .. .. .	11	7
Homicide and operations of war .. .. .	2	—

The principal causes of death during the year were:—

Heart Diseases .. .. .	440
Cancer .. .. .	228
Intra-cranial vascular lesions .. .. .	225
Bronchitis .. .. .	37
Pneumonia .. .. .	41

**DEATHS, AGE GROUPS — 1955**

Age		Deaths	Age		Deaths
Under 1 year	...	13	35 to 44 years	...	13
1 to 2 years	...	1	45 to 54 „	...	54
3 to 4 „	...	2	55 to 59 „	...	56
5 to 9 „	...	—	60 to 64 „	...	77
10 to 14 „	...	1	65 to 69 „	...	123
15 to 19 „	...	—	70 to 79 „	...	444
20 to 24 „	...	—	80 to 89 „	...	396
25 to 34 „	...	9	90 years and over	...	79
			Age unknown	...	1
Total number of deaths ... 1,269					

This analysis shows that 72.4 per cent. of the deaths were of persons aged 70 years of age and upwards

The number of deaths occurring in the four quarters of the year was as follows:—

	Deaths	Adjusted Death rate per 1,000 Population	Rate for England & Wales
First Quarter .. ..	381	11.1	15.4
Second Quarter .. ..	334	9.7	11.2
Third Quarter .. ..	231	6.7	9.1
Fourth Quarter .. ..	323	9.4	11.1
	1269	9.3	11.7

**TABLE. IV**  
**BIRTH RATES, DEATH RATES,**  
**AND INFANTILE MORTALITY RATES, 1935 — 1955**

Years	No. of births	Unadjusted Birth rate per 1,000 of the population	No. of deaths	Unadjusted Death rate per 1,000 of the population	Infantile Mortality rate per 1,000 births
1935 ..	621	11.5	744	14.0	40
1936 ..	687	12.4	870	15.6	35
1937 ..	729	12.4	916	15.6	45
1938 ..	712	10.8	917	15.5	29
1939 ..	763	12.4	1035	16.9	23
1940 ..	657	9.6	1165	17.6	49
1941 ..	590	10.1	1044	18.7	36
1942 ..	724	13.3	1116	20.5	35
1943 ..	775	14.3	1073	20.4	32
1944 ..	924	17.1	1037	19.2	44
1945 ..	811	13.8	1173	20.0	39
1946 ..	1059	16.3	1223	18.8	48
1947 ..	1003	15.0	1251	18.7	31.9
1948 ..	861	12.8	1103	16.3	23.8
1949 ..	818	12.0	1209	17.8	19.5
1950 ..	714	10.4	1336	19.5	30.8
1951 ..	699	10.3	1375	20.2	24.6
1952 ..	658	9.7	1235	18.3	16.7
1953 ..	613	9.0	1308	19.3	26.6
1954 ..	659	9.6	1299	19.0	29.6
1955 ..	671	9.6	1269	18.2	19.8

It will be noted from this table that the number of deaths has always exceeded the number of births during the last 21 years. There has been no “natural increase of the population” (*i.e.* excess of births over deaths) since the year 1921.



**TABLE V**

**INFANTILE MORTALITY**

The number of deaths under one year of age was 13 (9 males and 4 females), giving an infant mortality rate of 19.8 per 1,000 live births. The corresponding rate for England and Wales for the year under review was 24.9.

Year	No. of Infant Deaths	Proportion per 1,000 live births	Percentage of Total Deaths at all ages	Infant Mortality Rate in England and Wales
1931 .. ..	20	37	2.9	66
1932 .. ..	20	39	2.5	65
1933 .. ..	18	38	2.5	64
1934 .. ..	12	20	1.6	59
1935 .. ..	25	40	3.4	57
1936 .. ..	23	35	2.6	59
1937 .. ..	33	45	3.6	58
1938 .. ..	20	29	2.2	53
1939 .. ..	18	23	1.7	50
1940 .. ..	32	49	2.7	55
1941 .. ..	22	36	2.1	59
1942 .. ..	25	35	2.2	49
1943 .. ..	24	32	2.2	49
1944 .. ..	40	44	3.8	46
1945 .. ..	31	39	2.5	46
1946 .. ..	50	48	4.2	43
1947 .. ..	31	31.9	2.4	41
1948 .. ..	20	23.8	1.8	34
1949 .. ..	16	19.5	1.3	32
1950 .. ..	22	30.8	1.6	30
1951 .. ..	17	24.6	1.3	30
1952 .. ..	11	16.7	0.9	28
1953 .. ..	16	26.6	1.2	27
1954 .. ..	19	29.6	1.5	26
1955 .. ..	13	19.8	1.0	25

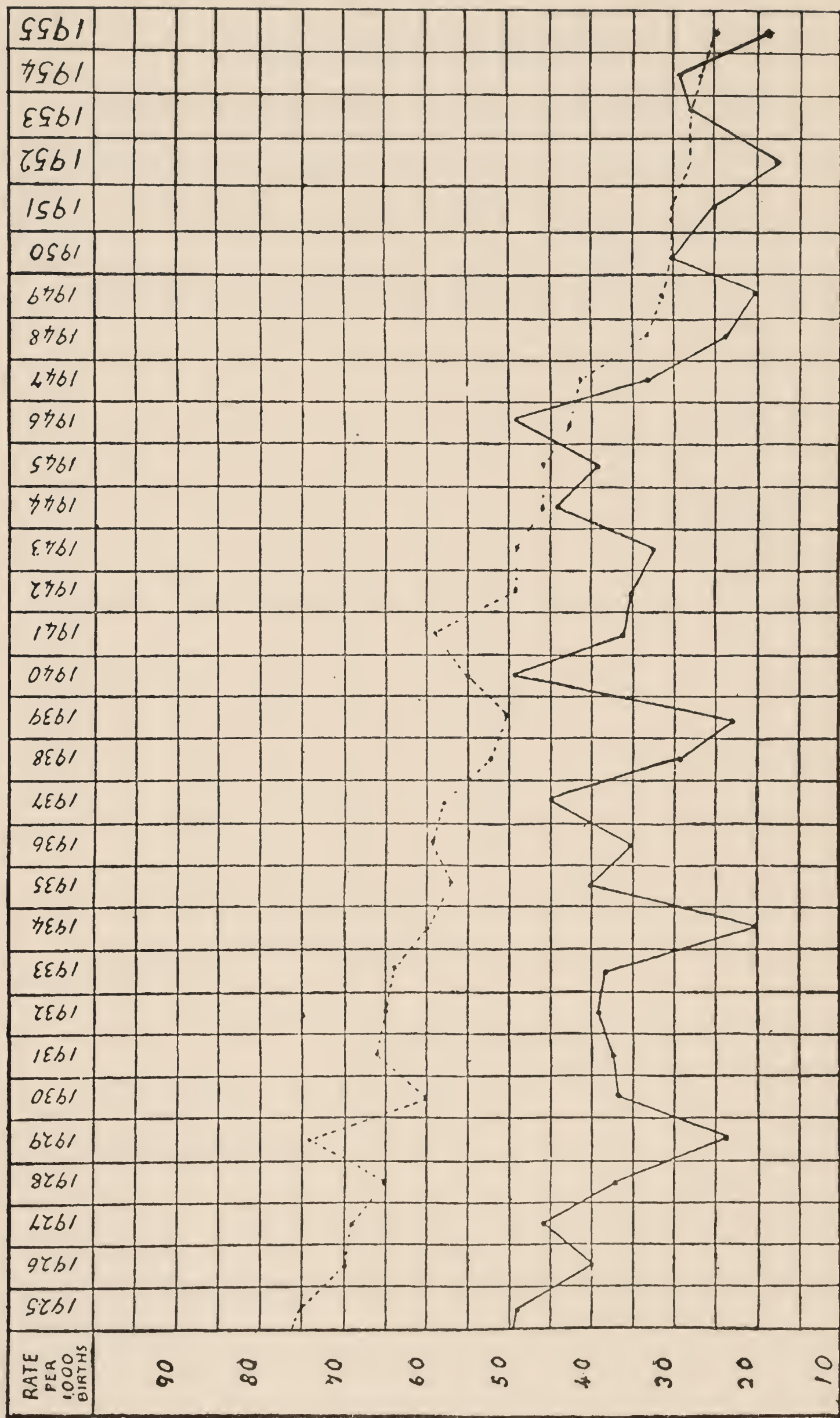
The causes of deaths of children under one year for the last 5 years are as follows:—

Cause of Infant Deaths	Deaths of infants under one year of age.				
	1951	1952	1953	1954	1955
Premature Births .. ..	4	4	6	8	6
Congenital Malformations ..	3	1	2	1	—
Pneumonia .. ..	4	3	3	2	1
Atelectasis .. ..	1	1	2	3	2
Asphyxia .. ..	2	1	1	—	—
Spina Bifida .. ..	—	—	1	—	—
Gastro Enteritis .. ..	—	—	—	—	1
Inflammation of Lungs ..	—	—	—	1	—
Intra-Cranial Haemorrhage ..	—	—	—	1	1
Meningitis .. ..	—	—	—	2	—
All other causes .. ..	3	1	1	1	2
TOTALS .. ..	17	11	16	19	13

**TABLE VI**  
**INFANTILE DEATHS — 1955**  
**TABLE SHOWING CAUSES AND AGES AT DEATH**

Cause	Age in weeks				Total under 1 Month	Age in months					Total (All Ages)
	0-1	1-2	2-3	3-4		1-2	2-3	3-6	6-9	9-12	
Prematurity .. ..	4	2	—	—	6	—	—	—	—	—	6
Pneumonia .. ..	1	—	—	—	1	—	—	—	—	—	1
Atelectasis .. ..	2	—	—	—	2	—	—	—	—	—	2
Gastro Enteritis ..	—	—	—	—	—	1	—	—	—	—	1
Intra-Cranial Haemorrhage .	1	—	—	—	1	—	—	—	—	—	1
Other Causes ..	1	—	1	—	2	—	—	—	—	—	2

CHART SHOWING WORTHING INFANTILE MORTALITY RATE SINCE 1925



(Dotted line represents Rate for England and Wales)



## WATER SUPPLIES

The water supply undertaking is owned and managed by the Borough Council.

The following information regarding the water supply has been supplied by Mr. H. A. Leader, Assoc.M.Inst.C.E., Assoc.M.Inst.W.E., Borough Water Engineer.

1. The water supply of the statutory area has been very satisfactory in both quality and quantity throughout the past year.
2. Bacteriological examinations are made once a fortnight of both the raw and chlorinated water, whilst chemical examinations of the raw water are made once a month.
3. The water has no plumbo-solvent action.
4. No contamination of supplies has been reported.
5. The population supplied during the year ended December, 1955, was 73,262, all supplies being direct to the houses and no standpipes being used. The area supplied includes the Parishes of Clapham, Patching and Sompting, and in the entire area there are 73 houses (approximate population 200) without a piped water supply.

In addition, water was supplied to the Rural District Council, and re-distributed by that Authority to a population of 12,265.

## THE COUNTIES PUBLIC HEALTH LABORATORIES

66 Victoria Street,  
London, S.W.1.

### Chemical Water Report

The sample of water marked 36" Borehole Pump, Broadwater Pumping Station, received here on 1.11.55, has been chemically examined as follows:—

#### CHEMICAL RESULTS IN PARTS PER MILLION

Appearance .....	Clear and bright	Metals .....	Absent
Colour .....	Nil	Turbidity .....	Nil
pH .....	7.3	Odour .....	Nil
Electric Conductivity .....	440	Free Carbon Dioxide .....	14
Chlorine present as Chloride .....	23	Total Solids .....	295
Hardness : Total 230—		Alkalinity as Calcium Carbonate	200
Carbonate 200 ; Non-carbonate 30		Nitrite Nitrogen .....	Absent
Nitrate Nitrogen .....	3.8	Oxygen Absorbed .....	0.05
Ammoniacal Nitrogen .....	0.000	Residual Chlorine .....	Absent
Albuminoid Nitrogen .....	0.000		

This sample is clear and bright in appearance, neutral in reaction and free from iron and other metals. The water is hard in character but not unduly so, contains no excess of salinity or mineral constituents in solution and it is of the highest standard of organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for public supply purposes.

14th November, 1955.

(Signed) GORDON MILES, B.SC., F.R.I.C.

# THE COUNTIES PUBLIC HEALTH LABORATORIES

66 Victoria Street,  
London, S.W.1.

## Chemical Water Report

The sample of water marked 48" Borehole and Headings, Patching P.S., received here on 25.1.55, has been chemically examined as follows:—

### CHEMICAL RESULTS IN PARTS PER MILLION

Appearance .....	Clear and bright	Metals .....	Absent
Colour .....	Nil	Turbidity .....	Nil
pH .....	7.3	Odour .....	Nil
Electric Conductivity .....	455	Free Carbon Dioxide .....	15
Chlorine present as Chloride .....	21	Total Solids .....	305
Hardness : Total 255—		Alkalinity as Calcium Carbonate	205
Carbonate 205 ; Non-carbonate, 50		Nitrite Nitrogen .....	Less than 0.01
Nitrate Nitrogen .....	4.0	Oxygen Absorbed .....	0.10
Ammoniacal Nitrogen .....	0.000	Residual Chlorine .....	Absent
Albuminoid Nitrogen .....	0.000		

This sample is clear and bright in appearance, neutral in reaction and free from iron and other metals. The water is hard in character but not to an excessive degree, contains no excess of salinity or mineral constituents in solution and it is of the highest standard of organic quality.

From the aspect of the chemical analysis these results are indicative of a pure and wholesome water suitable for public supply purposes.

(Signed) GORDON MILES, B.SC., F.R.I.C.

2nd February, 1955.

PUBLIC HEALTH LABORATORY,  
ROYAL SUSSEX COUNTY HOSPITAL, BRIGHTON

## Bacteriological Water Analysis

On sample marked 48" Borehole, Patching Pumping Station.

Lab. Ref. No. 142143.

Received 25.1.55.

Plate Count. 2 days at 37°C. per ml. .. .. 4

---

Probable number of coliform bacilli per 100 ml.—less than 1.

---

Date of report, 27.1.55.

J. E. JAMESON,  
*Director.*

PUBLIC HEALTH LABORATORY,  
ROYAL SUSSEX COUNTY HOSPITAL, BRIGHTON

**Bacteriological Water Analysis**

On sample marked 36" Borehole, Broadwater Pumping Station.

Lab. Ref. No. 167180.

Received 1.11.55.

Plate Count. 2 days at 37°C. per ml. .. .. 5.

---

Probable number of coliform bacilli per 100 ml.—less than 1.

---

Date of report, 3.11.55.

J. E. JAMESON,  
*Director.*

**SWIMMING BATHS**

These were regularly inspected by the Medical Officer of Health and the Sanitary Inspectors. Frequent examinations of the water were carried out and the results showed that a satisfactory standard of purity was maintained.



# PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

## Notifiable Infectious Diseases

The following are the infectious diseases which are now notifiable to the Medical Officer of Health:—

Scarlet fever

Whooping cough

Diphtheria

Measles

Acute pneumonia (primary or influenzal)

Meningococcal infection

Acute poliomyelitis—

paralytic

non-paralytic

Acute encephalitis—

infective

post-infectious

Dysentery

Ophthalmia neonatorum

Puerperal pyrexia

Smallpox

Typhoid and Para-typhoid fevers

Food poisoning

Erysipelas

Malaria

Cholera

Plague

Typhus fever

Relapsing fever

Tuberculosis (all forms)

# NOTIFIED INFECTIOUS DISEASES — 1955 (Corrected in Cases of Revised Diagnosis)

	Under 1 year	1	2	3	4	5-9	10-14	15-19	20-24	25-34	35-44	45-64	65 and over	Total	Admitted to Isolation Hospital
Scarlet Fever ...	1	1	1	2	4	9	2	—	1	—	—	—	—	21	19
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	2	6	6	3	5	15	2	—	1	—	—	1	1	42	—
Measles ...	13	33	69	76	72	276	8	1	1	3	2	1	—	555	10
Pneumonia ...	—	—	—	—	—	—	—	1	—	—	1	4	6	12	2
Acute Poliomyelitis (Paralytic) ...	—	—	—	—	—	—	1	—	—	1	—	—	—	2	2
Acute Poliomyelitis (Non-Paralytic) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid Fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paratyphoid Fever ...	—	—	—	—	—	2	2	—	—	—	—	—	—	4	4
Dysentery ...	—	—	1	—	—	5	3	—	—	—	—	1	—	10	9
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	1	—	1	—	—	2	—
Meningococcal Infection	—	—	1	—	—	—	—	—	—	—	—	—	—	1	1
Erysipelas ...	—	—	—	—	—	—	1	—	—	1	—	—	5	7	3
Food Poisoning ...	—	—	—	1	—	1	—	—	—	—	2	—	2	6	4
	16	40	78	82	81	308	19	2	4	5	6	7	14	662	54

## DIPHTHERIA

For the eighth year in succession there were no cases of Diphtheria in the Borough.

Successful as the diphtheria immunisation scheme has been, it cannot be stressed too often that any complacency in this respect may well be disastrous. Immunisation before a child is 12 months old and a reinforcing injection at 5 years should be an absolute rule for all.

## MEASLES

This disease has a biennial incidence, and 1955 was a "measles year." Altogether 555 cases were notified and there was one death.

Ten cases were admitted to Swandean Hospital owing to either the severity of the attack or on account of complications, and all made a good recovery.

## SCARLET FEVER

The number of confirmed cases was 21, of which 19 were treated in hospital. There were no deaths, and in all cases admitted to hospital modern treatment modified the severity of the disease, shortened its duration and completely eliminated any complications.

## ACUTE POLIOMYELITIS (Infantile Paralysis)

There were 2 confirmed cases during the year, with one death. Both the cases were treated in Swandean Hospital.

## PARATYPHOID FEVER

A small outbreak of paratyphoid fever occurred in August and September. The total number of cases was 14, of which 5 were resident in the Borough and 9 in the neighbouring Rural District at the time the infection was contracted. The vehicle of infection was considered to be cakes filled with a proprietary imitation cream contaminated by Chinese frozen whole egg. The types of the paratyphoid bacillus found in both the patients and unopened cases of egg were similar.

The cases were treated in Swandean Hospital and all made a satisfactory recovery.



## ADMISSION OF CASES TO INFECTIOUS DISEASE HOSPITALS

The following Worthing cases were admitted during the year:—

### Swandean Hospital

Scarlet fever	..	..	..	..	12
Streptococcal sore throat			..	..	1
Measles	..	..	..	..	10
Chicken pox	..	..	..	..	2
Mumps	..	..	..	..	1
Erysipelas	..	..	..	..	3
Acute poliomyelitis (paralytic)			..	..	2
Meningococcal infection	..		..	..	1
Paratyphoid fever	..		..	..	4
Paratyphoid carrier	..		..	..	1
Glandular fever	..		..	..	2
Dysentery	..	..	..	..	9
Heat stroke	..	..	..	..	1
Virus infection	..		..	..	1
Acute influenzal pneumonia			..	..	2
Tetanus	..	..	..	..	1
Food poisoning	..		..	..	4
Observation cases	..		..	..	4
					—
					61
					—

### Foredown Infectious Diseases Hospital

Scarlet fever	..	..	..	..	5
Cavernous sinus thrombosis			..	..	1
Gastro-enteritis	..		..	..	1
Streptococcal sore throat			..	..	1
Suspected tuberculosis meningitis (not confirmed)	..	..	..	..	1

### Portsmouth Infectious Diseases Hospital

Chicken pox	..	..	..	..	1
-------------	----	----	----	----	---

### Chichester Isolation Hospital

Scarlet fever	..	..	..	..	2
Gastro-enteritis	..		..	..	1
Streptococcal sore throat			..	..	1

## TUBERCULOSIS

There were 22 cases of pulmonary tuberculosis notified for the first time during the year.

55 new cases were added to the Register during 1955:—

Pulmonary—Males ..	34	Non-Pulmonary—Males ..	4
Females ..	16	Females ..	1
	<hr/>		<hr/>
	50		5
	<hr/>		<hr/>

75 cases were removed from the Register during the year, and 4 old cases were restored.

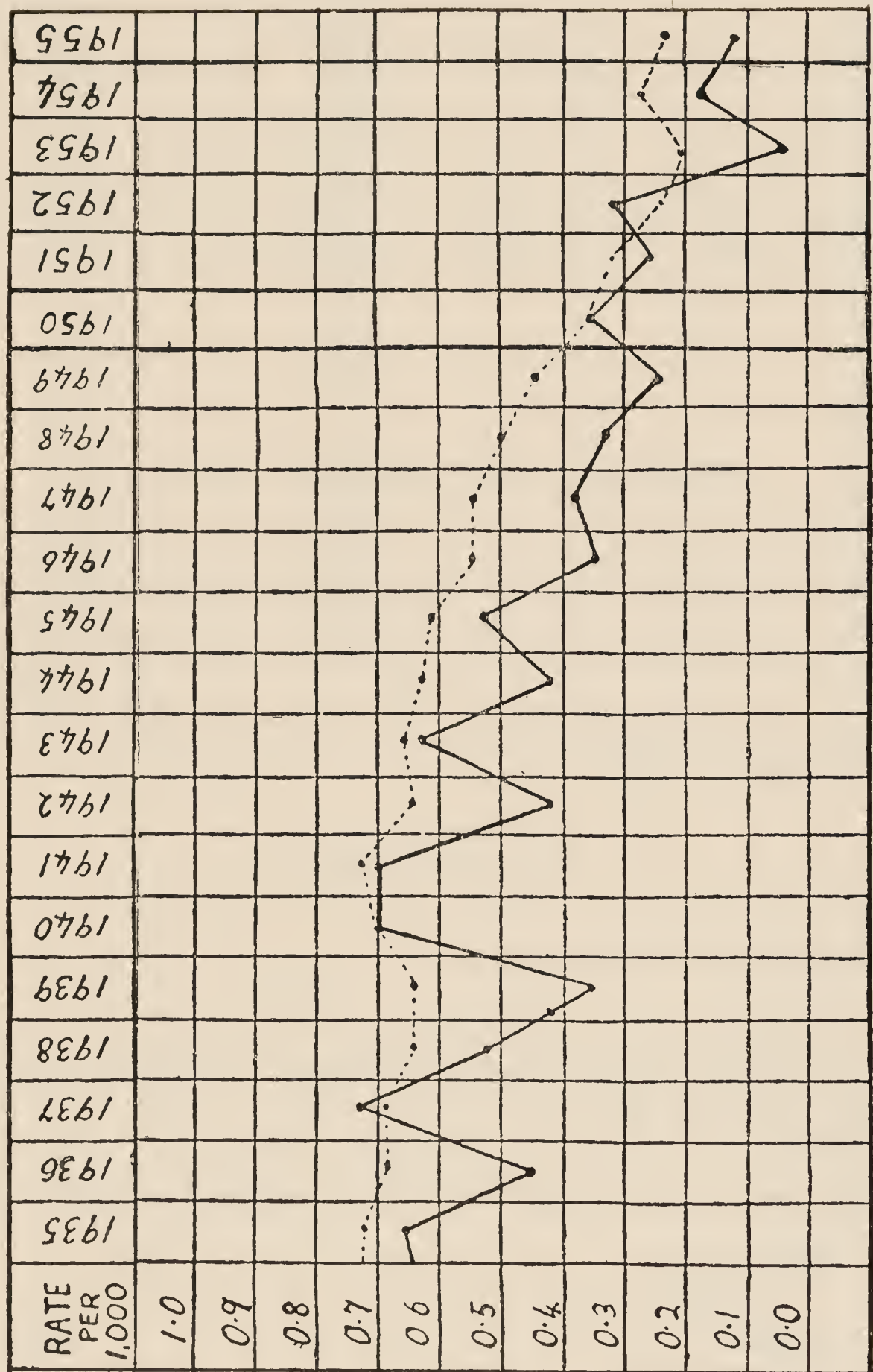
### Tuberculosis Cases on the Register at 31st December, 1955 :—

	Males	Females	Total
Pulmonary .. ..	252	228	480
Non-pulmonary ..	44	59	103
Totals ..	296	287	583

**Table showing new cases in 1955 and mortality**

Age periods	New cases				Deaths			
	Pulmonary		Non-pulmonary		Pulmonary		Non-pulmonary	
	M	F	M	F	M	F	M	F
Under 1 year .. ..	—	—	—	—	—	—	—	—
1—4 years .. ..	—	—	—	—	—	—	—	—
5—14 „ .. ..	1	—	—	—	—	—	—	—
15—24 „ .. ..	4	3	—	—	—	—	—	—
25—34 „ .. ..	3	7	1	—	—	1	—	—
35—44 „ .. ..	6	1	1	1	—	—	—	—
45—54 „ .. ..	8	1	2	—	—	3	—	—
55—64 „ .. ..	7	—	—	—	1	—	—	—
65 years and over ..	5	4	—	—	1	2	—	—
Age unknown .. ..	—	—	—	—	—	—	1	—
TOTALS .. ..	34	16	4	1	2	6	1	—

CHART SHOWING WORTHING TUBERCULOSIS DEATH RATE SINCE 1935



(Dotted line represents Rate for England and Wales)



The following table shows the mortality from tuberculosis (all forms) since 1935:—

Year	Deaths	Death Rate per 1,000 of the population	
		Worthing	England and Wales
1935 .. ..	36	0.67	0.72
1936 .. ..	25	0.45	0.69
1937 .. ..	42	0.72	0.70
1938 .. ..	31	0.52	0.64
1939 .. ..	26	0.34	0.64
1940 .. ..	48	0.70	0.70
1941 .. ..	39	0.70	0.73
1942 .. ..	23	0.42	0.66
1943 .. ..	33	0.63	0.67
1944 .. ..	23	0.42	0.63
1945 .. ..	32	0.54	0.62
1946 .. ..	22	0.34	0.55
1947 .. ..	26	0.38	0.55
1948 .. ..	23	0.34	0.51
1949 .. ..	18	0.26	0.45
1950 .. ..	25	0.37	0.36
1951 .. ..	18	0.26	0.31
1952 .. ..	21	0.31	0.24
1953 .. ..	3	0.04	0.20
1954 .. ..	13	0.19	0.28
1955 .. ..	9	0.13	0.15

It has not been necessary to take action under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

## FOOD POISONING

No. of notifications .. .. . 6

Outbreaks due to identified agents:—

Outbreaks .. 1 Cases .. 3

The three cases occurred in one family and tinned corned beef was the suspected food. Staphylococci were isolated from both the patients and the food, but the “phage types” were not identical so that the results were inconclusive.

The patients were admitted to Swandean Hospital and made a rapid recovery.

Single cases:—

Unknown cause .. .. . 3

Deaths .. .. . Nil

## CLEAN FOOD CAMPAIGNS

As in previous years, lectures and discussions have been given by the Medical Officer of Health and the Chief Sanitary Inspector to a number of local organisations. Food traders’ organisations have been approached and lectures given to food handlers.

## THE NATIONAL ASSISTANCE ACT, 1948

### Section 47. Removal to suitable premises of persons in need of care and attention.

No legal proceedings were necessary during the year. In the few cases where difficulties occurred, informal action was sufficient to cope with the situation.

### Section 50. Burial of the Dead.

Under this Section of the Act it was necessary to arrange for the burial of seven persons where no suitable arrangements were being made.

## STAFF MEDICAL EXAMINATIONS

Medical examinations are undertaken by the Department in connection with new appointments and admission of student teachers to training colleges. During the year, 82 such examinations were carried out, details of which are as follows:—

<i>Department</i>	<i>Males</i>	<i>Females</i>
Town Clerk's .. ..	1	—
Borough Engineer's .. ..	14	—
Medical Officer's .. ..	2	3
Borough Treasurer's .. ..	9	2
Borough Water Engineer's ..	1	—
Education .. ..	3	3
Entertainments and Publicity ..	1	—
Borough Librarian's .. ..	1	4
Entrants to Training Colleges ..	5	33
	—	—
Total ..	37	45
	—	—

Occasionally similar examinations are carried out at the request of other Local Authorities and during 1955 three such examinations were undertaken.

## SANITARY INSPECTION OF THE AREA

This is under the supervision of the Chief Sanitary Inspector, who has supplied me with the following report:—

### GENERAL INSPECTIONS

General inspections included the following:—

Houses	..	..	..	..	..	..	240
Factories	..	..	..	..	..	..	506
Bakehouses	..	..	..	..	..	..	59
Restaurant Kitchens	..	..	..	..	..	..	166
Workplaces	..	..	..	..	..	..	53
Dairies	..	..	..	..	..	..	37
Ice Cream Premises	..	..	..	..	..	..	233
Food Shops	..	..	..	..	..	..	1487
Schools	..	..	..	..	..	..	51
Drainage	..	..	..	..	..	..	430
Smoke Observations	..	..	..	..	..	..	61
Shops Act	..	..	..	..	..	..	163
Pest Destruction	..	..	..	..	..	..	127
Merchandise Marks Act	..	..	..	..	..	..	62
Miscellaneous	..	..	..	..	..	..	528

313 Public Health nuisances or contraventions were recorded and 299 were remedied before the end of the year.

### SANITARY DEFECTS AND NUISANCES RECORDED INCLUDED THE FOLLOWING :—

#### Houses :

Roofs defective	..	..	..	..	..	32
Rainwater conductors defective	..	..	..	..	..	25
Chimney stacks and external walls defective	..	..	..	..	..	26
Verminous	..	..	..	..	..	29
Re-decorations requested	..	..	..	..	..	5
Wall plaster defective	..	..	..	..	..	25
Wall dampness	..	..	..	..	..	24
Cooking ranges, fireplaces defective	..	..	..	..	..	5
Window frames or cords defective	..	..	..	..	..	36
Floors, staircases defective	..	..	..	..	..	8
Insanitary yards	..	..	..	..	..	16
Vacant land insanitary	..	..	..	..	..	7
Animals improperly kept	..	..	..	..	..	7

#### Drainage :

Requiring reconstruction	..	..	..	..	..	21
Defective condition	..	..	..	..	..	40
Choked	..	..	..	..	..	278
W.C.'s defective	..	..	..	..	..	25



## COMPLAINTS

1,061 complaints were received and investigated. They are classified as follows:—

Housing, general defects	..	..	..	..	..	61
Dampness	..	..	..	..	..	53
Dirty conditions	..	..	..	..	..	17
Overcrowding	..	..	..	..	..	11
Vermin	..	..	..	..	..	17
Wasps	...	..	..	..	..	44
Other insects	..	..	..	..	..	38
Smoke nuisances	..	..	..	..	..	17
Animals improperly kept	..	..	..	..	..	13
Yards—insanitary	..	..	..	..	..	24
Vacant land—insanitary	..	..	..	..	..	18
Drains or sewers choked	..	..	..	..	..	117
Defective drainage systems	..	..	..	..	..	19
W.C.'s defective	..	..	..	..	..	15
Offensive smells	..	..	..	..	..	34
Refuse bins defective	..	..	..	..	..	9
Rats	..	..	..	..	..	347
Mice	..	..	..	..	..	154
Miscellaneous	..	..	..	..	..	53

## HOUSING

Closing Orders were made in respect of 1 house and 2 basement dwellings.

Housing repairs were carried out at 101 houses.

SLUM CLEARANCE. The proposals submitted to the Ministry pursuant to the 1954 Act showed 88 houses as being unfit for habitation, namely, 76 houses to be dealt with under 7 Clearance Areas and 12 houses by Demolition or Closing Orders. Approximately 169 persons would be displaced from Clearance Areas and approximately 33 from properties to be dealt with under Demolition or Closing Orders.

The Areas are as follows:—	<i>Houses</i>
Broadwater Street East—Nos. 49, 53, 55, 57, 59, 61, 63, 65, 67, 69	10
Clifton Road, No. 1—Nos. 9 to 37 (odd numbers)	15
Clifton Road, No. 2.—Nos. 45 to 97 (odd numbers)	27
Durrington Lane—1 and 2 Eldertree Cottages	2
High Street—Nos. 92 to 104 and 112 to 126 (even numbers)	15
South Street, Tarring—1 & 2 Quorn Cottages and Ramsey Cottage	3
West Street—Nos. 25, 27, 29 and 31	4

## HOUSING REPAIRS & RENTS ACT, 1954

Six Certificates of Disrepair were issued and one application was refused. Five Certificates of Revocation were also issued.

## PUBLIC HEALTH ACT, 1936 — CARAVANS

There is no licensed camping site within the Borough.

At the end of the year there were two caravans controlled under licences granted for periods of twelve months.

## PREVENTION OF DAMAGE BY PESTS RODENT CONTROL

No. of complaints received	..	..	..	..	501
No. of visits by Rodent Operators	..	..	..	..	3,535
No. of premises cleared	..	..	..	..	435
Amount of poison bait taken	..	..	..	..	7,945 ozs.

13 major infestations, 10 rat and 3 mice, were found and cleared.

Rodent destruction was carried out on payment at 134 premises, *i.e.* Agricultural 19, Business, etc., 115 (rats 67; mice 67).

No charge is made for the service of a Rodent Operator at private houses.

SEWER RATS. Two treatments of the sewers were carried out. 51 chambers were found to be rat infested during the Spring treatment and 103 during the Summer treatment. Approximately 3 cwt. of prebait or poison bait was laid.

Nine of the eighteen areas into which the Borough is divided are now free from rats.

## PEST DESTRUCTION

Advice was given in a large number of cases as regards annoyance caused by wasps, beetles, flies, moles, ants, pigeons, rabbits and woodworm.

At 95 premises disinfestation treatment was carried out on payment, to destroy beetles (52), wasps' nests (39), and woodworm (4).

## DISINFECTION AND DISINFESTATION

765 articles fumigated by steam disinfection included the following:—

Blankets	..	..	..	..	..	125
Sheets, eiderdowns, etc.	..	..	..	..	..	50
Mattresses and feather beds	..	..	..	..	..	156
Pillows, bolsters, cushions	..	..	..	..	..	247
Quilts, etc.	..	..	..	..	..	32
Carpets and rugs	..	..	..	..	..	28
Cushions	..	..	..	..	..	39
Miscellaneous	..	..	..	..	..	88
Number of rooms disinfected	..	..	..	..	..	52
Number of rooms disinfested	..	..	..	..	..	237
Revenue received:—						
For disinfection	..	..	..	..	£30 9s. 6d.	
For disinfestation	..	..	..	..	£87 12s. 10d.	

## FACTORIES ACT, 1937 and 1948

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises	Number on Register	Number of Inspections	Written Notices
(i) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities .. .. .	33	64	2
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority .. .. .	244	471	31
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises). .. .. .	35	45	1
TOTAL .. .. .	312	580	34

2. Cases in which DEFECTS were found.

Particulars	Number of cases in which defects were found			
	Found	Remedied	Referred	
			To H.M. Inspector	By H.M. Inspector
Want of cleanliness (S.1.) .. .. .	3	2	—	—
Overcrowding (S.2) .. .. .	—	—	—	—
Unreasonable temperature (S.3) .. .. .	—	—	—	—
Inadequate ventilation (S.4) .. .. .	—	—	—	—
Ineffective drainage of floors (S.6) .. .. .	—	—	—	—
Sanitary Conveniences (S.7)				
(a) insufficient .. .. .	3	3	1	1
(b) unsuitable or defective .. .. .	30	24	—	1
(c) not separate for sexes .. .. .	3	2	—	—
Other offences against the Act (not including offences relating to Outwork) .. .. .	2	1	4	5
TOTAL .. .. .	41	32	5	7

FIRE ESCAPE. Five Certificates of Adequate Means of Escape in Case of Fire were granted during the year, making a total of 63 operative within the Borough.

SHOPS ACT, 1950—SEC. 38. Four Exemption Certificates were issued in respect of shops which are provided with alternative suitable sanitary accommodation or washing facilities, making a total of 46 in operation in the Borough.



## RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Three premises were registered, and one licensed, pursuant to the requirements of the above Act.

Two samples of rag flock or other fillings were taken and analysed pursuant to the Act and Regulations. All were satisfactory.

## OFFENSIVE TRADES

The only offensive trades in the Borough relate to two firms registered to deal in rags, bones and skins.

## NOTICES SERVED TO REMEDY DEFECTS OR ABATE NUISANCES OR CONTRAVENTIONS

<i>Act</i>	<i>Informal</i>	<i>Statutory</i>
Public Health Act, 1936—		
Section 92 (defects and nuisances) .. ..	60	3
„ 39 (drainage and appliances) .. ..	43	
„ 44-45-46 (water closets) .. ..	12	
„ (miscellaneous) .. ..	9	
Smoke Abatement .. ..	9	1
Worthing Corporation Act (refuse bins) .. ..	16	
Housing Acts, 1936-54 .. ..	39	11
Food and Drugs Act, 1938-50—		
Food Hygiene .. ..	39	
Milk and Dairies Regulations .. ..	3	
Prevention of Damage by Pests Act, 1949 .. ..	14	
Factories Act, 1937-1948 .. ..	34	
Shops Act, 1950 .. ..	9	
Merchandise Marks Act .. ..	3	
Slaughtering of Animals Act .. ..	1	
Meat Regulations .. ..	1	
	<hr/>	<hr/>
Total ..	292	15
	<hr/>	<hr/>

Sewers serving approximately 278 houses found to be in a defective or choked condition were repaired or cleansed by the Corporation.

6 houses were re-drained to main sewers and the cesspools abolished.

## MEAT AND FOOD EXAMINATION

There is one slaughterhouse in the Borough at which 9,953 animals (751 beasts, 1,399 calves, 1,806 sheep and 5,997 pigs) were slaughtered during the year.

556 visits were made to the slaughterhouse, involving late night and Sunday attendances, to ensure that every carcase was examined before the meat left the slaughterhouse.

Eight persons were licensed to slaughter animals under the Slaughter of Animals Act, 1933-1954.

All animals were slaughtered with the aid of mechanically operated humane instruments.

Approximately 5½ tons of meat were found to be diseased and unfit for food. This was salvaged for animal feeding, fat rendering or fertilizers.

Meat found to be diseased included:—

Entire Carcases:

Beasts	..	..	..	..	..	..	10
Calves	..	..	..	..	..	..	6
Sheep	..	..	..	..	..	..	6
Pigs	..	..	..	..	..	..	22

Offals:

			<i>Beasts</i>	<i>Calves</i>	<i>Sheep</i>	<i>Pigs</i>
Heads and Tongues	..	..	33	1	—	41
Livers (or part)	..	..	189	3	76	267

### Carcases and Offal inspected and condemned in whole or in part

	Cattle excl. Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed ... ..	476	275	1,399	1,806	5,997	Nil
Number inspected ... ..	476	275	1,399	1,806	5,997	Nil
<i>All diseases except Tuberculosis and Cysticerci:</i>						
Whole carcases condemned...	1	1	4	6	16	—
Carcases of which some part or organ was condemned ...	126	127	4	68	523	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci ... ..	26.7	46.2	0.6	4.1	9.0	—
<i>Tuberculosis only:</i>						
Whole carcases condemned...	1	5	1	—	3	—
Carcases of which some part or organ was condemned ...	29	60	1	—	37	—
Percentage of the number inspected affected with tuber- culosis ... ..	6.3	23.6	0.1	—	0.7	—
<i>Cysticercosis</i> ... ..	—	—	—	—	—	—

Requests from local food tradesmen to examine foodstuffs of a doubtful character are received almost daily, and the undermentioned were found to be diseased or unsound and were condemned as being unfit for human food.

				<i>Tins, Jars</i>	<i>lbs.</i>	<i>Number</i>
Peas	..	..	..	279	2	
Baked Beans	..	..	..	72		
Spaghetti	..	..	..	13		
Carrots	..	..	..	4		
Others	..	..	..	13		
Soups	..	..	..	156		
Sauces, Pickles	..	..	..	4		
Meat, fresh	..	..	..		571	
tinned	..	..	..	136		
ham, bacon	..	..	..		204	
sausages	..	..	..		144	
Rabbits	..	..	..			32
Fish, wet	..	..	..		337	
tinned	..	..	..	80		
crabs	..	..	..		14	
prawns	..	..	..		7	
Fruit, dried	..	..	..		78	
tinned	..	..	..	515		
jam, etc.	..	..	..	47		
Tomatoes	..	..	..	322		
Milk, tinned	..	..	..	143		
Cheese (boxes)	..	..	..	6		
„	..	..	..		891	
Eggs	..	..	..			216
„ liquid	..	..	..		25	
Cakes	..	..	..		24	66
Biscuits	..	..	..		8	
Puddings	..	..	..	14		
Baby food	..	..	..	34		

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6 premises were registered for the manufacture of sausages or potted, pressed, pickled or preserved food for sale, making a total of 87 in operation in the Borough. One application was refused but granted later after improvements had been carried out.



## MILK

461 samples were taken and the following is a synopsis of the results:—

### Examination for Bacterial Cleanliness.

<i>Designation</i>	<i>No. taken</i>	<i>Unsatisfactory</i>
Tuberculin Tested .. .. .	74	12
Tuberculin Tested (Pasteurised) .. .. .	32	—
Pasteurised .. .. .	122	3

**Examination for M. Tuberculosis.** 182 samples were examined for the presence of M. Tuberculosis, and one sample proved to be positive. Brucella abortus was isolated in nine samples.

**Examination to detect Adulteration or Abstraction.** 51 samples were analysed, details of which are given in the Food and Drugs section on page 38.

**Graded Milk.** The following annual licences were granted under the appropriate Regulations:—

To retail Tuberculin Tested or Tuberculin Tested Pasteurised Milk .. .. .	18
To Pasteurise .. .. .	2
To retail Pasteurised or Sterilised Milk .. .. .	43
Supplementary, Sterilized Milk .. .. .	1

## ICE CREAM

4 premises are registered for the manufacture of ice cream and 9 premises were registered for the storage and sale of pre-packed ice cream and one loose ice cream making a total of 206.

14 samples were taken and analysed for bacterial cleanliness and all proved to be satisfactory:—

Grade I .. 9	Grade II .. 5
--------------	---------------

The requirements of the Heat Treatment Regulations are rigidly enforced, particularly as regards protecting ice cream from contamination by dust or unclean apparatus, etc., during its manufacture, storage or sale.

233 visits were made to ice cream premises, and manufacturers and retailers of loose ice cream were advised as regards the necessity for, and general use of, detergents and sterilizing agents for the cleansing of cabinets, apparatus and utensils.

## FOOD AND DRUGS ACT, 1938 — Section 3

### DEFENCE (SALE OF FOOD) REGULATIONS, 1943

59 samples of food were submitted for analysis by the Public Analyst:—

<i>Description</i>	<i>No. Analysed</i>
Milk .. .. .	36
Milk, Channel Island .. .. .	7
Cream .. .. .	8
Sausages or Sausage Meat .. .. .	7
Grape Fruit .. .. .	1

One sample of sausages contained preservatives, the presence of which was not disclosed. The nature and amount of the preservatives used complied with the Regulations.

Not one sample of milk or cream was sub-standard as regards quality.

Two samples of pork sausages were deficient in meat content (12.3%) as compared with the former legal standard (now revoked).

## FOOD HYGIENE

An improvement of conditions under which food was being prepared was brought about at 39 premises after service of written requests.

A number of complaints alleging unclean habits of shop assistants (licking fingers, etc.), and others relating to unclean or otherwise unfit food were investigated and appropriate action taken. The complaints included:—

Milk bottle, containing glass .. .. .	1
Milk bottle, dirty .. .. .	1
Bread, containing foreign object .. .. .	1
Sugar, containing insects .. .. .	1
Sweets, containing a nail .. .. .	1
Condition of meat pies, etc. .. .. .	3
Condition of tinned foods .. .. .	2
Condition of shell fish .. .. .	2

Lectures to food traders or associations are given whenever an opportunity arises.

**ANNUAL REPORT**  
**of the**  
**Meteorological Observations**  
**for 1955**



## METEOROLOGICAL OBSERVATIONS FOR THE YEAR 1955

The Meteorological Station is in Beach House Park, which is 25.00 feet above Ordnance Datum. Here all the instruments, except the Fortin Standard Barometer and the Sunshine Recorder, are kept.

The shade thermometers, in a Stevenson screen, are:—self-recording maximum, self-recording minimum, dry bulb and wet bulb.

All thermometers are Fahrenheit and are verified at the National Physical Laboratory, Kew.

A self-recording minimum thermometer is used for registering the temperature on the grass.

Four earth thermometers are in use at various depths—1ft., 2ft., 4ft. and 6ft.

There is an official five-inch Copper Rain Gauge, Meteorological Office pattern, also a Dines Tilting Siphon Automatic Rain Recorder.

The Campbell-Stokes Sunshine Recorder is fixed on a platform at the top of Christ Church Tower, 111 feet above mean sea level and 84 feet above ground level.

All instruments at the local Meteorological Observatory are examined and tested periodically by Officers of the Meteorological Office, Air Ministry, London.

A code report is sent by telegram each evening to the Meteorological Office, London, and the leading newspapers are supplied with reports from that Office.

Weekly reports are sent to the local newspapers, and a full report monthly to the Meteorological Office, London, for publication in their journals. Rainfall statistics are supplied to the British Rainfall Organisation.

The daily weather report of the Air Ministry, the previous day's sunshine card and a collection of charts and records are also exhibited in the windows of the information bureau at the Pier.

This report contains statistics showing the means for the year of Barometric pressure, Air and Earth temperatures, Sunshine, Wind and Humidity, compared with the averages for a series of years.

Observations are taken every day throughout the year at 9 a.m. and 6 p.m.

## **ABSTRACT OF OBSERVATIONS FOR THE YEAR 1955**

Total amount of bright sunshine: 1,936.4 hours.

Number of days with sunshine: 305.

Rainfall: 24.75 inches.

Number of rain-days (.01 inch or more): 140.

Number of wet days (.04 inch or more): 88.

Highest barometric reading: 30.698 inches on November 16th.

Lowest reading: 28.923 inches on January 16th.

Warmest day: August 24th (84°).

Coldest nights: January 17th, 19th ; February 20th (25°).

Coldest day: February 21st (34°).

Warmest night: July 18th (68°).

Warmest month (by day): August (average temperature 73°).

Coldest month (by night): February (average temperature 33°).

Mean temperature: 50.6°.

Mean relative humidity: at 9 a.m. 80%.

Lowest temperature on the grass: 16° on February 17th.

Wettest day: September 22nd, 1.40 inches.

Sunniest days: May 30th ; June 1st (14.9 hours).

Number of days snow or sleet fell: 17.

Number of days hail fell: 3.

Number of days thunder heard: 12.

Number of ground frosts: 73.

Number of days with wind at gale force: 2.

Number of days with fog: 6.

### **BRIGHT SUNSHINE**

The duration of bright sunshine for the year was 1936.4 hours, the highest total since 1949.

This amount is 43.3 per cent. of the time during which the sun was above the horizon, giving a daily mean of 5.31 hours. The average yearly sunshine for the previous ten years was 1865.4 hours. During this period the year with the highest record was 1949, when 2,128.9 hours were recorded, whilst the year 1954 was the lowest with 1687.3 hours. The sunniest days were May 30th and June 1st, when 14.9 hours were recorded.

July, with 280.8 hours, was the sunniest month, and January with 42.3 hours, was the least sunny.

A sunless day is one on which less than 6 minutes of bright sunshine are recorded.



## **RAINFALL**

The rainfall for the year 1955 was 24.75 inches. This amount is 2.68 inches below the Normal and 2.79 inches below the previous ten years' average.

The month of July was the driest with 0.08 inch, falling below the Normal amount by 1.96 inches. It was the driest July since rainfall records began in 1887. January was the wettest month with 4.01 inches, this amount being 1.69 inches above the Normal. The heaviest day's rainfall was 1.40 inches on September 22nd. There were 140 days on which 0.01 inch or more rain fell, compared with 155 days which is the average number for the previous ten years.

One inch of rainfall is equivalent to 100.925 tons per acre or 14.4686 millions of gallons per square mile.

**SUMMER RAINFALL.** Total for six months (April 1st to September 30th) was 10.77 inches, compared with an average summer rainfall for the previous ten years of 12.48 inches.

**WINTER RAINFALL.** Total for six months (October 1st to March 31st, 1955/6) was 12.71 inches, compared with an average winter rainfall for the previous ten years of 15.30 inches.

## **HUMIDITY**

The mean relative humidity of the atmosphere (percentage of saturation of the air) at 9 a.m. was 80.0%, compared with the previous five years' average of 82.1%.

## **BAROMETER**

The mean barometric reading for the year was 30.014 inches (when reduced to sea level and to a temperature of 32° Fahr.) the average for the previous five years being 29.975 inches. The highest reading for the year was 30.698 inches on November 16th, and the lowest reading was 28.923 inches on January 16th. The absolute range for the year was 1.775 inches and the average range for the previous five years 1.908 inches.

One inch barometric pressure is equivalent to 70.727 lbs. per square foot.

## **TEMPERATURE**

The mean temperature for the year was 50.6 Fahr., which is 0.4° below the Normal. Since 1881 the warmest year was 1949 with a mean temperature of 52.8°. The highest shade temperature for 1955 was 84° recorded on August 24th, and the lowest 25° on January 17th, 19th, and February 20th. The extreme range of temperature was 59° compared with the average range of 56° for the previous five years. The temperature on the grass fell below 30.4° on 73 nights. The lowest temperature on the grass was 16° during the night of February 17th.



EARTH TEMPERATURES. The highest and lowest temperatures at various depths in the earth were as follows:—

<i>Below</i>				
<i>Surface</i>	<i>Highest</i>	<i>Date</i>	<i>Lowest</i>	<i>Date</i>
1 ft.	69.9°	July 18th	34.5°	February 23rd
4 ft.	63.1°	August 28th	41.6°	March 15th

WIND

Percentages of direction of wind from 730 observations taken at 9 a.m. and 6 p.m. throughout the year:—

	<i>9 a.m.</i>	<i>6 p.m.</i>		<i>9 a.m.</i>	<i>6 p.m.</i>
	%	%		%	%
N.	18.1	10.9	S.	6.3	6.0
N.E.	21.9	15.9	S.W.	18.9	21.9
E.	3.0	4.2	W.	9.1	20.5
S.E.	9.3	9.1	N.W.	13.4	11.5
Calm	—	—			

TABLE 1 — CLOUD AND HUMIDITY

Month.			Cloud Amount Scale 1–8		Mean Relative Humidity	Mean Humidity previous 5 years 1950–1954
			9 a.m.	6 p.m.	9 a.m.	9 a.m.
January	..	..	6	6	% 89	% 88
February	..	..	3	6	87	88
March	..	..	4	4	77	84
April	..	..	4	4	78	74
May	..	..	4	4	75	75
June	..	..	5	4	79	77
July	..	..	4	3	72	78
August	..	..	4	4	75	79
September	..	..	4	4	77	82
October	..	..	4	5	82	85
November	..	..	6	5	82	87
December	..	..	6	5	89	89
Year 1955	..		5	5	80	Yearly average 82

TABLE 2 — BRIGHT SUNSHINE

The following is an Extract from the Table of Official Returns of the Meteorological Office, and shows the relative positions of Mainland stations in the South—Eastern Coastal area.

<i>Station</i>					<i>Sunshine (Hours)</i>
WORTHING	..	..	..	..	1936.4
Bournemouth	..	..	..	..	1921.1
Brighton	..	..	..	..	1907.7
Littlehampton	..	..	..	..	1903.2
Seaford	..	..	..	..	1888.2
Portsmouth	..	..	..	..	1887.6
Eastbourne	..	..	..	..	1859.8
Bognor Regis	..	..	..	..	1856.5
Hastings	..	..	..	..	1835.9
Folkestone	..	..	..	..	1828.8
Margate	..	..	..	..	1805.0
Bexhill	..	..	..	..	1799.9
Southampton	..	..	..	..	1781.9
Ramsgate	..	..	..	..	1770.1
Broadstairs	..	..	..	..	1745.5
Dover	..	..	..	..	1736.2
Whitstable	..	..	..	..	1706.3
Herne Bay	..	..	..	..	1684.7

TABLE 3 — BRIGHT SUNSHINE

Month	Total Hours Bright Sunshine	Average for 30 years 1921-1950	Hours Daily Mean	Percentage of average %	Days with Sunshine	Most in one day Hours	Monthly Totals		
							Highest		Lowest
							Hours	Year	Hours Year
January ..	42.3	67	1.36	63	15	7.7	109.9	1940	34.5 1912
February ..	112.0	83	4.00	135	24	9.4	140.3	1949	29.8 1947
March ..	190.4	147	6.14	130	29	10.6	220.8	1907	95.3 1916
April ..	188.5	182	6.28	104	27	12.9	267.2	1912	105.3 1905
May ..	235.9	232	7.61	102	29	14.9	353.1	1909	148.9 1932
June ..	229.7	243	7.66	94	28	14.9	318.8	1925	143.5 1909
July ..	280.8	232	9.06	121	30	14.3	369.0	1911	133.8 1944
August ..	237.8	219	7.67	109	31	12.9	298.4	1899	112.6 1912
September ..	182.8	169	6.09	108	29	12.0	262.6	1898	97.1 1945
October ..	141.3	125	4.56	113	26	9.9	181.6	1919	81.9 1915
November ..	48.9	76	1.63	64	23	9.0	131.3	1909	44.4 1934
December ..	46.0	63	1.48	73	14	6.7	96.0	1946	31.1 1903
Year 1955 ..	1936.4	1838	5.31	105	305	14.9	369.0	July 1911	29.8 Feb. 1947
Highest and Lowest Year Totals							2141.0	1899	1600.2 1913



TABLE 4 — BRIGHT SUNSHINE

Year	Campbell-Stokes Recorder Bright Sunshine Hours	Bright Sunshine Days	Sunniest Days	
			Day	Hours
1935	1805.2	309	July 8th	15.0
1936	1675.0	310	June 23rd	15.2
1937	1668.3	317	June 6th	14.4
1938	1796.4	310	June 21st	15.3
1939	1809.7	310	June 1st	15.4
1940	1976.8	323	July 1st	15.2
1941	1791.7	317	June 25th	15.2
1942	1711.6	312	June 5th	14.8
1943	1864.8	313	June 24th	14.9
1944	1765.5	315	June 24th	14.9
1945	1783.9	309	June 17th	14.8
1946	1790.7	307	July 10th	15.1
1947	1896.8	294	June 10th	14.9
1948	1916.9	319	May 18th	14.9
1949	2128.9	317	July 10th	14.8
1950	1805.4	312	June 16th	15.1
1951	1838.4	297	June 19th	15.1
1952	1917.0	317	June 30th	15.1
1953	1885.1	302	July 24th	14.3
1954	1687.3	301	June 20th	14.4
1955	1936.4	305	May 30, June 1	14.9
Average for 20 years 1935—1954	1825.8	311		

TABLE 5 — RAINFALL

1955			Total Rain- fall	Difference from the Normal	Greatest Fall in 24 hours beginning 9 a.m.	Number of Days with		Total Rain Days
						.01 in. or more	.04 in. or more	
January	..		ins. 4.01	ins. +1.69	ins. 1.35	16	14	16
February	..		1.92	—0.05	0.67	14	8	14
March	..		0.92	—1.04	0.35	9	4	9
April	..	..	0.21	—1.36	0.13	6	1	6
May	..	..	3.65	+2.00	0.70	19	16	19
June	..	..	2.33	+0.60	0.54	12	7	12
July	..	..	0.08	—1.96	0.04	4	1	4
August	..		1.48	—0.76	0.69	7	4	7
September	..		3.02	+0.90	1.40	11	7	11
October	..		2.37	—1.25	0.72	10	6	10
November	..		1.09	—2.09	0.45	10	6	10
December	..		3.67	+0.64	0.72	22	14	22
Year	..	..	24.75	—2.68	1.40	140	88	140

TABLE 6 — RAINFALL

Year	Rainfall in inches	No. of Days Rain fell (0.01 inch or more)	Greatest Fall in a Day	
			Amount in inches	Day and Month
1935	37.74	173	1.39	7th November
1936	27.42	169	1.79	6th November
1937	31.59	162	0.87	4th February
1938	22.95	156	0.75	24th September
1939	34.42	171	1.41	13th October
1940	30.13	148	1.50	3rd November
1941	25.83	139	1.36	4th June
1942	24.62	129	1.06	25th October
1943	23.68	145	1.74	13th January
1944	22.14	136	1.22	20th October
1945	22.98	138	2.05	10th July
1946	30.96	170	2.02	16th August
1947	24.31	139	0.94	10th March
1948	25.23	154	1.41	6th August
1949	23.90	120	1.34	20th October
1950	26.95	157	0.89	20th November
1951	37.98	184	1.40	11th June
1952	28.54	175	1.29	30th September
1953	24.33	125	1.22	12th October
1954	30.28	188	1.81	25th July
Average for 20 years	27.80	154	2.05	10th July 1945
1955	24.75	140	1.40	22nd September



TABLE 7 — BAROMETRIC PRESSURE AND TEMPERATURE

1955	Barometric Pressure (Reduced to Sea Level and 32° Fahr.)			Air Temperature in Screen					
	Mean Inches.	Extremes.		Means of		Mean of A & B	Difference from Normal	Extremes	
		Highest	Lowest	A Max.	B Min.			Max.	Min.
				°	°	°	°	°	°
January	29.812	30.446	28.923	42.7	34.5	38.6	—2.3	52	25
February	29.694	30.414	29.127	41.8	33.0	37.4	—3.5	50	25
March	30.060	30.481	29.352	44.9	33.2	39.1	—4.7	55	28
April	30.250	30.615	29.939	54.0	41.4	47.7	—0.3	67	34
May	29.990	30.474	29.314	57.1	44.9	51.0	—2.5	66	36
June	30.028	30.378	29.586	65.3	53.3	59.3	+0.2	72	42
July	30.133	30.418	29.880	72.4	57.8	65.1	+2.6	81	49
August	30.124	30.278	29.932	72.9	58.8	65.9	+3.3	84	47
September	30.078	30.435	29.628	66.9	52.9	59.9	+0.5	75	44
October	30.027	30.413	29.361	57.4	44.1	50.7	—2.2	66	33
November	30.126	30.698	29.394	51.6	43.5	47.5	+1.3	60	33
December	29.851	30.570	28.934	49.4	40.0	44.7	+2.9	54	30
Year 1955	30.015	30.698	28.923	56.4	44.8	50.6	—0.4	84	25

TABLE 8 — WINDS

Month.	9 a.m. OBSERVATIONS.—DIRECTION.								
	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm
January .. ..	5	10	1	5	5	2	—	3	—
February .. ..	5	8	1	1	1	2	2	8	—
March .. ..	6	15	1	3	—	4	1	1	—
April .. ..	4	8	—	4	—	10	1	3	—
May .. ..	1	6	—	3	2	9	6	4	—
June .. ..	2	5	2	4	—	11	4	2	—
July .. ..	8	13	1	1	1	2	4	1	—
August .. ..	10	4	2	1	1	5	2	6	—
September ..	3	2	—	3	1	7	5	9	—
October .. ..	10	1	—	5	2	7	1	5	—
November ..	7	6	1	3	6	3	—	4	—
December ..	5	2	2	1	4	7	7	3	—
Year 1955 ..	66	80	11	34	23	69	33	49	—

Month.	6 p.m. OBSERVATIONS.—DIRECTION.								
	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm
January .. ..	5	7	2	3	6	4	2	2	—
February .. ..	2	9	—	2	2	2	5	6	—
March .. ..	6	14	2	1	—	4	3	1	—
April .. ..	—	1	2	7	—	10	7	3	—
May .. ..	—	1	1	4	1	12	9	3	—
June .. ..	1	5	2	2	1	10	8	1	—
July .. ..	2	8	1	4	1	7	5	3	—
August .. ..	3	3	2	5	—	8	7	3	—
September ..	—	—	—	1	3	8	11	7	—
October .. ..	8	2	1	—	1	6	9	4	—
November ..	8	6	—	2	5	3	1	5	—
December ..	5	2	2	2	2	6	8	4	—
Year 1955 ..	40	58	15	33	22	80	75	42	—

TABLE 9 — VISIBILITY

Summary of observations taken at 9 a.m. and 6 p.m.

MONTH	FOG				MIST OR HAZE				GOOD VISIBILITY														
	A		B & C		D & E		F		G		H		I		J		K		L		M		
	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	9 a.m.	6 p.m.	
January ..	—	—	—	—	2	2	4	3	6	2	4	2	6	9	6	6	10	4	2	1	—	—	1
February ..	—	—	—	—	—	—	1	1	6	6	8	1	4	6	5	11	4	4	3	—	—	—	—
March ..	—	—	—	—	—	—	1	1	4	5	3	4	13	15	6	4	2	2	—	—	2	2	2
April ..	—	—	—	—	2	2	2	2	3	3	2	2	11	7	2	6	8	2	2	—	2	6	6
May ..	—	—	—	—	—	—	—	—	—	3	2	3	4	5	5	5	9	4	4	1	1	10	10
June ..	—	—	—	—	—	—	—	—	2	1	—	2	7	2	8	8	10	7	7	—	2	3	8
July ..	—	—	—	—	—	—	—	—	1	1	—	2	15	7	10	9	2	1	1	1	1	2	10
August ..	—	—	—	—	—	—	—	—	1	—	1	3	17	12	7	8	2	2	3	—	1	3	4
September ..	—	—	—	—	—	—	—	—	—	—	—	—	3	3	8	9	6	5	5	2	1	11	12
October ..	—	—	1	—	—	—	—	2	1	2	1	1	10	10	8	9	6	1	1	—	2	4	4
November ..	—	—	—	—	1	—	3	4	4	5	1	1	8	9	5	6	6	6	1	3	2	—	1
December ..	—	—	—	—	—	—	2	1	1	2	2	2	16	8	7	10	—	4	4	1	4	2	—
Year 1955 ..	—	—	1	—	5	—	13	14	29	30	24	23	114	93	77	95	59	33	9	14	39	58	



KEY TO TABLE 9 — VISIBILITY

Letter	Standard Distance	Actual Distance	Description of visibility	Object	View Point	Bearing
A	22 yards	21 yards	Dense Fog	Chestnut tree on opposite side of road	Office Door	S.E.
B	44 yards	45 yards	Dense Fog	Chestnut tree outside entrance to "Ryecroft"	Office Gate	E.
C	110 yards	110 yards	Thick Fog	N.W. corner of Town Hall	Office Gate	E.
D	220 yards	220 yards	Fog	Christ Church Tower	Office Window	S.
E	440 yards	430 yards	Moderate Fog	Holy Trinity Church Spire	Christ Church Tower	S.W.
F	1100 yards	1100 yards	Mist or Haze	Heene Church Tower	" "	W.
G	1½ miles	1¼ miles	Poor	Tarring Church Tower	" "	N.W.
H	2½ miles	2¾ miles	Moderate	Top of High Salvington Hill	" "	N.W.
I	4½ miles	4¼ miles	Good	Highdown Hill	" "	W.N.W.
J	6¼ miles	6⅝ miles	Good	Portslade Gas Works Chimney	" "	E.
K	12½ miles	12½ miles	Very Good	Hills beyond Brighton	" "	E.
L	18¾ miles	18¼ miles	Excellent	Selsey Bill	" "	W.S.W.
M	25 miles	27 miles	Abnormal	Beachy Head	" "	E.S.E.

TABLE 10 — CLIMATE OF WORTHING — 1900 - 1955

Year	Temperatures							Rainfall		Sunshine	Year
	Means					Extremes		Amount at Observ- atory	Number of days rain fell	Number of hours in year	
	9 a.m.	Min.	Max.	Range	Mean	Min.	Max.				
	Degrees							Inches			
1900 ..	51.2	44.9	56.2	11.3	50.6	20.9	79.0	26.33	182	1885.6	..1900
1901 ..	50.2	43.6	55.8	12.2	49.7	22.9	80.7	21.45	139	2017.0	..1901
1902 ..	50.2	43.6	55.0	11.1	49.6	21.8	78.0	23.77	157	1661.7	..1902
1903 ..	50.9	45.2	55.4	10.2	50.3	23.7	78.2	32.19	189	1749.2	..1903
1904 ..	50.4	44.3	55.5	11.2	49.9	23.8	77.4	26.85	163	1748.4	..1904
1905 ..	50.1	42.2	55.6	11.4	49.1	23.9	77.1	24.63	162	1715.3	..1905
1906 ..	50.6	44.3	56.1	11.8	50.2	24.9	78.6	30.44	173	2010.6	..1906
1907 ..	50.2	45.1	54.8	9.5	50.0	20.4	76.1	21.78	158	1776.8	..1907
1908 ..	50.9	44.1	56.1	12.1	50.1	16.0	80.2	22.15	146	1991.3	..1908
1909 ..	49.7	43.0	54.6	11.6	48.8	19.9	81.2	32.11	178	1958.6	..1909
1910 ..	50.8	44.5	55.9	11.5	50.1	21.9	73.8	32.57	191	1731.0	..1910
1911 ..	52.8	45.1	58.0	12.9	51.5	25.4	87.9	31.68	149	2115.0	..1911
1912 ..	51.6	45.0	56.6	11.6	50.8	19.0	84.2	35.95	192	1609.9	..1912
1913 ..	52.1	45.9	57.4	11.5	51.6	26.2	79.0	34.98	170	1600.2	..1913
1914 ..	52.7	45.2	57.9	12.7	51.5	23.2	78.2	31.31	164	2000.5	..1914
1915 ..	51.1	43.8	56.3	11.8	50.5	24.7	77.1	36.64	152	1801.3	..1915
1916 ..	51.2	44.7	56.3	11.6	50.5	25.0	77.0	32.89	182	1658.0	..1916
1917 ..	49.2	43.0	54.6	11.6	48.8	20.7	79.0	25.49	147	1804.7	..1917
1918 ..	51.0	44.7	56.5	11.8	50.6	20.0	78.0	24.41	165	1856.5	..1918
1919 ..	49.4	42.9	54.9	12.0	48.9	22.0	78.5	28.54	158	1788.5	..1919
1920 ..	51.7	45.6	56.6	11.0	51.1	23.0	76.0	26.40	139	1692.1	..1920
1921 ..	53.4	46.4	58.8	12.4	52.6	27.6	86.7	13.26	108	2101.5	..1921
1922 ..	50.1	43.9	54.8	10.9	49.3	25.2	78.2	25.71	159	1781.2	..1922
1923 ..	50.8	44.5	55.6	11.1	50.1	24.0	86.0	30.62	170	1805.9	..1923
1924 ..	50.8	45.4	55.3	9.9	50.3	25.0	74.6	32.65	159	1759.6	..1924
1925 ..	49.8	44.7	55.9	11.2	50.3	24.0	80.2	34.70	158	1955.8	..1925
1926 ..	51.6	45.7	56.7	11.0	51.2	21.8	83.3	28.57	160	1677.7	..1926
1927 ..	50.8	45.0	55.8	10.8	50.4	22.4	78.1	34.88	165	1731.4	..1927
1928 ..	51.9	45.1	57.0	11.9	51.0	21.6	82.0	32.84	161	1999.1	..1928
1929 ..	50.9	44.1	56.0	11.9	50.0	13.0	80.0	29.71	134	2062.5	..1929
1930 ..	52.0	46.9	56.4	9.5	51.3	26.0	82.6	28.31	169	1821.4	..1930
1931 ..	51.0	45.0	55.0	10.0	50.0	21.0	77.0	25.80	147	1610.5	..1931
1932 ..	50.5	45.1	55.8	10.7	50.5	23.0	80.0	23.91	148	1616.7	..1932
1933 ..	52.0	45.5	56.4	10.9	51.2	23.6	81.2	20.40	125	2102.6	..1933
1934 ..	52.1	45.6	57.5	11.9	51.8	24.0	82.0	27.49	139	1811.0	..1934
1935 ..	51.8	46.1	56.6	10.5	51.3	25.6	83.8	37.74	173	1805.2	..1935
1936 ..	51.3	45.4	55.9	10.5	50.7	27.1	81.3	27.42	169	1675.0	..1936
1937 ..	51.5	46.3	57.2	10.9	51.8	26.0	76.8	31.59	162	1668.3	..1937
1938 ..	52.7	46.1	57.1	11.0	51.6	19.5	82.5	22.95	156	1796.4	..1938
1939 ..	51.8	45.8	56.5	10.7	51.2	20.0	81.5	34.42	171	1809.7	..1939
1940 ..	50.0	45.0	56.0	11.0	50.5	16.0	80.0	30.13	148	1976.8	..1940
1941 ..	50.3	44.0	56.0	12.0	50.0	22.0	83.0	25.83	139	1791.7	..1941
1942 ..	50.0	44.8	55.3	10.5	50.5	19.0	83.0	24.62	129	1711.6	..1942
1943 ..	52.0	46.0	58.0	12.0	52.0	28.0	80.0	23.68	145	1864.8	..1943
1944 ..	51.3	45.4	56.2	10.8	50.8	26.0	81.0	22.14	136	1765.5	..1944
1945 ..	52.5	46.5	57.2	10.7	51.2	19.0	80.0	22.98	138	1783.9	..1945
1946 ..	51.6	45.5	55.7	10.2	50.6	23.0	76.0	30.96	170	1790.7	..1946
1947 ..	51.3	45.7	56.1	10.4	50.9	15.0	90.0	24.31	139	1896.8	..1947
1948 ..	52.6	46.6	57.6	11.0	52.1	17.0	88.0	25.23	154	1916.9	..1948
1949 ..	53.3	47.2	58.4	11.2	52.8	29.0	81.0	23.90	120	2128.9	..1949
1950 ..	52.1	46.1	56.7	10.6	51.4	24.0	81.0	26.95	157	1805.4	..1950
1951 ..	51.9	46.0	56.3	10.3	51.2	22.0	76.0	37.98	184	1838.4	..1951
1952 ..	50.7	45.0	56.0	11.0	50.2	23.0	82.0	28.54	175	1917.0	..1952
1953 ..	51.9	46.2	57.1	11.1	51.7	25.0	80.0	24.33	125	1885.1	..1953
1954 ..	51.0	45.3	56.0	10.7	50.7	18.0	75.0	30.28	188	1687.3	..1954
1955 ..	51.0	44.8	56.4	11.6	50.6	25.0	84.0	24.75	140	1936.4	..1955



# NATIONAL HEALTH SERVICE ACT, 1946

## Part III Services

The day-to-day administration of the Part III Services provided under the National Health Service Act is delegated to the Worthing County Health Sub-Committee. This section summarises the work carried out in the Borough during the year.

### SECTION 22. CARE OF MOTHERS AND YOUNG CHILDREN

#### *Child Welfare Centres:*

There are five Child Welfare Centres in the Borough situated as follows:—

- (1) The Central Clinic—Monday and Friday afternoons.
- (2) Church Hall, Durrington—Second and fourth Thursday afternoons in each month.
- (3) St. Mary's Hall, Goring—Second and fourth Thursday afternoons in each month.
- (4) St. Richard's Hall, Maybridge—First, third and fifth Thursday afternoons in each month.
- (5) Free Church Hall, Findon Valley—First and third Wednesday afternoons in each month.

The Clinic at St. Richard's Hall, Maybridge, replaced sessions formerly held at St. Mary's Hall, Goring. This arrangement, which commenced on October 6th, was made in order to provide a service for the Maybridge estate.

1,284 infants and children made a total of 8,869 attendances at all centres during the year. The number of infants who first attended at the centres during the year whilst they were under one year of age was 493, equivalent to 75.7 per cent. of the notified live births.

#### *Ante- and Post-Natal Clinics:*

The following is a summary of attendances, etc., at these clinics:—

##### Medical Officer's Clinic:

No. of clinics	..	..	..	..	50
New cases	..	..	..	..	174
Total attendances	..	..	..	..	700
Average attendance per session	..	..	..	..	14.0

##### Midwives' Clinic:

No. of clinics	..	..	..	..	48
New cases	..	..	..	..	148
Total attendances	..	..	..	..	584

##### Ante-Natal Relaxation Exercises Clinic:

New cases	..	..	..	..	60
Total attendances	..	..	..	..	326



## DENTAL SERVICE

The following tables give details of the treatment carried out during the year:—

### (a) Numbers provided with dental care:

	Examined	Needing treatment	Treated	Made dentally fit
Expectant and Nursing Mothers ...	27	22	22	19
Children under five ... ..	212	108	103	104

### (b) Forms of dental treatment provided:

	Extractions	General Anæsthetics	Fillings	Scalings or Scaling and gum treatment	Silver Nitrate treatment	Crowns or Inlays	Radiographs	Dentures provided	
								Complete	Partial
Expectant and Nursing Mothers	47	5	38	-	-	-	-	2	-
Children under five	61	26	269	-	-	-	-	-	-

Dental X-rays are carried out at Worthing Hospital and arrangements exist for the supply of dentures locally.

## CARE OF PREMATURE INFANTS

All infants weighing up to 5½ lbs. at birth are included under this heading and in Worthing a special note is made on the notification of birth cards in respect of all infants whose birth weight is 5½ lbs. or less.

Special arrangements for the care of premature infants in their own homes are made within the Midwifery and Health Visiting Services, and infants who cannot be cared for at home are admitted to hospital.

Premature infants born in hospital are notified to the Department on discharge and are kept under supervision by the Health Visitors and invited to attend the Welfare Centres.

Thirty-eight premature live births were notified, of which eight occurred at home. Eight premature still-births were also notified.

## SECTION 23. MIDWIFERY

The following is a summary of the work of the domiciliary midwives:—

Confinements attended—				
as midwife	..	..	..	188
as maternity nurse	..	..	..	35
Analgesia administered—				
as midwife	..	..	..	146
as maternity nurse	..	..	..	29
Pethidine administered—				
as midwife	..	..	..	122
as maternity nurse	..	..	..	19
Nursings—				
as midwife	..	..	..	3,861
as maternity nurse	..	..	..	276
Ante-natal visits	..	..	..	1,879

*Notification of Births.* 657 live births and 14 still-births were registered during the year.

## SECTION 24. HEALTH VISITING

Seven Health Visitors devote half their time to duties connected with the Health Services provided under Part III of the National Health Service Act, 1946.

The following are details of visits made by the Health Visitors during the year:—

Expectant and nursing mothers—total visits	..	..	451
First visits to infants under 1 year of age	..	..	619
Re-visits to infants under 1 year of age	..	..	3,129
Children 1-5 years—total visits	..	..	3,943
Infectious disease visits	..	..	222
Tuberculosis visits	..	..	232
Visits to aged and infirm persons	..	..	173
Visits in connection with domestic help service	..	..	479
Other visits	..	..	186

## SECTION 25. HOME NURSING

The services of the Home Nurses are provided on the recommendation of a doctor to any patient requiring such service. The nursing staff at the 31st December comprised an Area Nursing Officer, 14 full-time and 3 part-time Home Nurses.

The following table gives particulars of the number of cases dealt with during the year under review:—

No. of cases attended by Home Nurses	..	..	2,554
No. of visits paid by Home Nurses	..	..	63,376

## SECTION 26. VACCINATION AND IMMUNISATION

### 1. *Vaccination :*

Vaccinations are carried out by Practitioners as a part of the General Medical Service, and a fee is payable by the County Council for the Record of the vaccination which the Practitioner supplies in each case.

The following table gives details of the vaccinations carried out during the year :—

Number of persons vaccinated (or re-vaccinated)

Age at date of vaccination	Under 1	1	2 to 4	5 to 14	15 or over	Total
Number vaccinated ...	253	24	21	21	33	352
Number re-vaccinated ...	—	—	10	37	216	263

### 2. *Diphtheria Immunisation :*

During the year, 335 children under five years and 18 children aged five to fifteen years were immunised. 121 were immunised at the Clinics and 232 by private doctors. In addition 367 children received reinforcing injections.

## SECTION 27. AMBULANCE SERVICES

The St. John Ambulance Brigade acts as agent for the County Council in operating the Ambulance and Hospital Car Services in the Borough of Worthing.

During the year the Worthing Ambulance Division carried 6,910 patients, covering a total distance of 60,050 miles.

## SECTION 28. PREVENTION OF ILLNESS, CARE & AFTER-CARE

### 1. *Tuberculosis :*

The Health Visitors continued to attend at the Chest Clinics held at Worthing Hospital. They also made 232 visits to patients in their own homes.

The Worthing Area Committee of the Sussex Rural Community Council has met quarterly and has been instrumental in helping a number of patients and their families.

### 2. *Care and After-Care :*

Close liaison exists between the Hospital Almoners, the County Care Almoner and the Health Visitors, and numerous visits were made to chronic sick cases and aged persons (see Health Visitors' statistical table).

### 3. *Prevention of Illness :*

The Health Visitors continued to play an important part in health education during the year, in addition, exhibition stands relating to various aspects of the Health Services were erected in the clinics, and the Medical Officer of Health either arranged or gave a number of talks to local organisations in the Borough.



## SECTION 29. DOMESTIC HELP

This service continues to provide Domestic Help in cases of illness, aged persons, maternity cases and other cases of need. Applications for help are only approved on the recommendation of a doctor or midwife, and all circumstances are carefully investigated in order to assess the amount of help required.

A charge is made for the services of a Domestic Help, the amount being determined according to the financial circumstances of the applicant.

<i>Applications for Assistance</i>	<i>Maternity Cases</i>	<i>Tuber- culosis Cases</i>	<i>Chronic Sick inc. aged &amp; infirm Cases</i>	<i>Other Cases</i>	<i>Total</i>
(a) No. of cases receiving assistance at 1st January, 1955 ... ..	2	5	157	34	198
(b) No. of new applications received ... ..	70	5	162	169	406
(c) No. of cases in (b) assisted	59	5	146	165	375
(d) No. of cases in (b) approved, but for which assistance was not available ... ..	—	—	—	—	—
(e) No. of cases in (b) not approved ... ..	—	—	5	—	5
(f) No. of applications in (b) withdrawn:					
(i) Before arrangements made ... ..	10	—	11	7	28
(ii) After arrangements made ... ..	1	—	—	—	1
(g) No. of cases in (a) and (b) completed during the year ... ..	58	5	124	157	344
(h) No. of cases receiving assistance at end of year	3	5	179	39	226

Number of Domestic Helps employed at 31st December, 1955:—  
    (a) Whole-time—Nil : (b) Part-time—45.









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